



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/648,239	08/27/2003	Won-Uk Yu	P69094US0	3745

43569 7590 01/03/2007
MAYER, BROWN, ROWE & MAW LLP
1909 K STREET, N.W.
WASHINGTON, DC 20006

EXAMINER

BECKER, SHASHI KAMALA

ART UNIT	PAPER NUMBER
----------	--------------

2179

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/03/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.		Applicant(s)	
	10/648,239		YU, WON-UK	
	Examiner		Art Unit	
	Shashi K. Becker		2179	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 August 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 August 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 101

1. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

2. Claims ¹⁸~~18~~-25 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The claimed subject matter "the system" is non-statutory subject matter because it is not tangible, in combination with further explanation as to the deficiencies.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Modeste et al, (hereinafter Modeste), US 2003/0056012, in view of Cohen US Patent 7127679.

Art Unit: 2179

- In regards to claims 1, 7, 10, 14, 18, 19, and 23, Modeste teaches a method and system for controlling a home network (abstract). However, Modeste does not specifically teach ascertaining whether or not a new control menu exists by using the Internet; if the new control menu exists, downloading the new control menu and adding the downloaded new control menu to an old control menu list; and downloading corresponding control programs using the added new control menu.

Cohen teaches a method for generating and navigating a plurality of menus using a database and a menu template. Cohen further teaches ascertaining whether or not a new control menu exists by using the Internet (column 14 lines 8-12); if the new control menu exists, downloading the new control menu and adding the downloaded new control menu to an old control menu list; and downloading corresponding control programs using the added new control menu (Abstract and claim 1). It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the method and apparatus of Modeste to include adding new control menus to an old menu list in order further control the home network. One would have been motivated to make such a combination in order to upgrade the control menus and programs of the network.

- In regards to claims 2 and 8, Modeste teaches the above limitations (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*). However, Modeste fails to specifically teach, wherein if the new control menu is not contained in the old control menu list, the new control menu is considered as a new menu.

Cohen teaches a method for generating and navigating a plurality of menus using a database and a menu template. Cohen further teaches wherein if the new control menu is not contained in the old control menu list, the new control menu is considered as a new menu (Abstract and claim 1). It would have been obvious for the same reasons stated above (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*).

- In regards to claims 3 and 9, Modeste teaches the above limitations (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*). However, Modeste fails to specifically teach, wherein if the new control menu is an upgraded version, the new control menu is considered as a new menu even when the new control menu is contained in the old control menu list.

Cohen teaches a method for generating and navigating a plurality of menus using a database and a menu template. Cohen further teaches wherein if the new control menu is an upgraded version, the new control menu is considered as a new menu even when the new control menu is contained in the old control menu list (Abstract and claim 1). It would have been obvious for the same reasons stated above (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*).

- In regards to claim 4, Modeste teaches the above limitations (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*). However, Modeste fails to specifically teach, wherein the control program is downloaded when a user selects the added new control menu.

Cohen teaches a method for generating and navigating a plurality of menus using a database and a menu template. Cohen further teaches wherein the control program is downloaded (column 14 lines 8-12) when a user selects the added new control menu (Abstract and claim 1). It would have been obvious for the same reasons stated above (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*).

- In regards to claim 5, Modeste teaches the above limitations (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*). However, Modeste fails to specifically teach, wherein the control program is downloaded when a user selects an auto mode.

Cohen teaches a method for generating and navigating a plurality of menus using a database and a menu template. Cohen further teaches wherein the control program is downloaded when a user selects an auto mode (column 11 lines 13-23). It would have been obvious for the same reasons stated above (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*).

- In regards to claim 6, Modeste teaches the above limitations (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*). However, Modeste fails to specifically teach wherein the downloaded control program is stored.

Cohen teaches a method for generating and navigating a plurality of menus using a database and a menu template. Cohen further teaches wherein the downloaded control program is stored (column 9 lines 25-38). It would have been obvious for the same reasons stated above (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*).

Art Unit: 2179

- In regards to claims 11, 15, 21, and 24, Modeste teaches the above limitations (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*). However, Modeste fails to specifically teach wherein the respective equipments carry out the steps a) to d) in claim 10.

Cohen teaches a method for generating and navigating a plurality of menus using a database and a menu template. Cohen further teaches wherein the respective equipments carry out the steps a) to d) in claim 10 (Abstract and claim 1). It would have been obvious for the same reasons stated above (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*).

- In regards to claims 12, 16, 22, and 25, Modeste teaches Modeste teaches the above limitations (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*). However, Modeste fails to specifically teach, wherein the old control menu lists are shared between the respective equipments.

Cohen teaches a method for generating and navigating a plurality of menus using a database and a menu template. Cohen further teaches wherein the old control menu lists are shared between the respective equipments (Abstract and claim 1, wherein the control menu can be customized to be the same for each program or the same). It would have been obvious for the same reasons stated above (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*).

- In regards to claims 13 and 17, Modeste teaches Modeste teaches the above limitations (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*). However, Modeste fails to specifically teach, wherein the control programs that are not

provided to the respective equipments are stored into the equipments that carry out the steps a) to d) in claim 10.

Cohen teaches a method for generating and navigating a plurality of menus using a database and a menu template. Cohen further teaches wherein the control programs that are not provided to the respective equipments are stored into the equipments that carry out the steps a) to d) in claim 10 (column 9 lines 25-38). It would have been obvious for the same reasons stated above (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*).

- In regards to claim 26, Modeste teaches the above limitations (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*). Modeste further teaches a home network apparatus including the Internet network and a home network, the home network being provided with information via the Internet network, wherein the home network includes: a power line for supplying communication signals, control signals and power source; and a plurality of equipments connected to the power line and having the Internet function and an on-screen function, the equipments downloading control menus and corresponding control programs from the Internet network by using the Internet function, control menu lists with the control menus being displayed on screen by using the on-screen function, whereby the plurality of equipments download only their own corresponding control programs through the Internet network (page 1 paragraphs [0003]-[0007]).
- In regards to claim 27, Modeste teaches the above limitations (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*). However, Modeste does not specifically teach

Art Unit: 2179

a menu manager for storing the control menu lists, registering the downloaded control menu as a new control menu item into the control menu list, and providing the control menu lists to the respective equipments by request.

Cohen teaches a method for generating and navigating a plurality of menus using a database and a menu template. Cohen further teaches a menu manager for storing the control menu lists, registering the downloaded control menu as a new control menu item into the control menu list, and providing the control menu lists to the respective equipments by request (column 13 lines 62-67). It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the method and apparatus of Modeste to include a menu manager in order to manage the menus created. One would have been motivated to make such a combination in order for the user to be more organized and manage the different control menus created and updated.

- In regards to claim 28, Modeste teaches the above limitations (see claims 1, 7, 10, 14, 18, 19, and 23 *supra*). However, Modeste does not specifically teach 28. The home network apparatus claimed in claim 27, wherein the menu manager manages the control menu lists for the equipments through a sharing of the menu lists.

Cohen teaches a method for generating and navigating a plurality of menus using a database and a menu template. Cohen further teaches wherein the menu manager manages the control menu lists for the equipments through a sharing of the menu lists (column 13 lines 62-67). It would have been obvious to

Art Unit: 2179

one of ordinary skill in the art at the time of the invention to modify the method and apparatus of Modeste to include a sharing menu lists in order to manage the menus created. One would have been motivated to make such a combination in order for the user to be more organized and manage the different control menus created and updated.

Art Unit: 2179

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shashi K. Becker whose telephone number is 571-272-8919. The examiner can normally be reached on Mon-Fri 8:30-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on 571-272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

SKB

BA HUYNH
PRIMARY EXAMINER